



Ordering data: **1LE1001-0EA02-2AB4**

Motor type: **1AV2090A**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ/Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N I/I _N	M _A /M _N T _f /T _N	M _k /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	1.50	- / -	5.60	2900	4.9	81.3	81.7	79.8	0.84	0.77	0.63	6.9	2.7	3.6	IE2
400	Y	50	1.50	- / -	3.15	2900	4.9	81.3	81.7	79.8	0.84	0.77	0.63	6.9	2.7	3.6	IE2
460	Y	60	1.75	- / -	3.10	3480	4.8	84.0	84.4	82.6	0.85	0.79	0.68	7.4	2.6	3.8	IE2
460	Y	60	1.50	- / -	2.75	3505	4.1	84.0	83.5	80.7	0.82	0.74	0.62	8.5	3.1	4.5	IE2
IM B3 / IM 1001		FS 90 S		13 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

All values are calculated. The final rating plate data will be determined upon receipt of an order.
Efficiency factor and efficiency class according to EuP directive apply to rated power under standard conditions.

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	65 dB(A) 69 dB(A)	Terminal box position	top
Moment of inertia	0.0017 kg m ²	Material of terminal box	Aluminium
Bearing DE NDE	6205 2ZC3 6004 2ZC3	Type of terminal box	TB1 D00
Bearing lifetime	40000 h	Contact screw thread	M3,5
Lubricants	Esso Unirex N3	Max. cross-sectional area	1.5 mm ²
Regreasing device	No	Cable diameter from ... to ...	9.0 mm - 17.0 mm
Grease nipple	- / -	Cable entry	1xM25x1,5-1xM16x1,5
Type of bearing	Preloaded bearing DE	Cable gland	2 plugs
Condensate drainage holes	No	Special design	
External earthing terminal	No		
Vibration class	A		
Insulation	155(F) to 130(B)		
Duty type	S1		
Direction of rotation	bidirectional		
Frame material	aluminum		
Data of anti condensation heating	- / -		
Coating	Standard paint finish C2		
Color	RAL7030		
Motor protection	(B) 1 PTC thermistor - for tripping		
Method of cooling	IC411 - self ventilated, surface cooled		
Environmental conditions			
Ambient temperature	-20 °C - +40 °C		
Altitude above sea level	1000 m		